

Claim 25. A method of making an asymmetric supercapacitor comprising applying active material selected from the group consisting of manganese dioxide, silver oxide, iron sulfide and mixtures thereof to a current collector to form a positive electrode;

soaking the positive electrode and a negative electrode comprising carbonaceous active material in liquid electrolyte;

disposing the positive electrode adjacent to a separator plate; and

disposing the negative electrode adjacent to the separator plate, opposite to the positive electrode to form an asymmetric supercapacitor.

Claim 26. The method of claim 25 further comprising activating the active material before applying it to the current collector.

Claim 27. The method of claim 25 further comprising activating the carbonaceous active material.

Claim 28. The method of claim 25 further comprising activating the active material after applying it to the current collector.

Claim 29. The method of claim 25 further comprising applying the carbonaceous active material to a current collector for a negative electrode.